

Title (en)  
UNIT AND IMAGE FORMING APPARATUS

Title (de)  
EINHEIT UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)  
UNITÉ ET APPAREIL DE FORMATION D'IMAGES

Publication  
**EP 4036658 B1 20230503 (EN)**

Application  
**EP 21190042 A 20210806**

Priority  
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Abstract (en)  
[origin: EP4036658A1] A unit includes: a developing device configured to develop an electrostatic charge image that is formed on a surface of an image carrier, as a toner image with a developer including a flat toner containing a flat pigment, the developer being accommodated in the developing device; and a transfer device including an intermediate transfer belt onto which the toner image formed on the surface of the image carrier is primarily transferred, a primary transfer device configured to primarily transfer the toner image formed on the surface of the image carrier to a surface of the intermediate transfer belt, and a secondary transfer device configured to secondarily transfer the toner image on the surface of the intermediate transfer belt to a surface of a recording medium, wherein the intermediate transfer belt contains a resin and conductive carbon particles, and after the flat toner adheres to an outer circumferential surface of the intermediate transfer belt in a loading amount of  $3 \text{ g/cm}^2$ , in a case where air is blown to the outer circumferential surface from an upper side of the outer circumferential surface while increasing a blowing pressure, all the flat toner adhering to the outer circumferential surface is separated from the outer circumferential surface at a blowing pressure of 25 kPa or less.

IPC 8 full level  
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CPC (source: CN EP US)  
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